

Bld 5.1.1 Upgrade Information

.Apps_defaults Token Changes:

Following tokens should be removed:

st1_data
s3exe
st3_scripts
sii_bin
db_tuneup_log_dir
hdp_bin_dir
st2_satel
st2_input

Following tokens renamed:

old name	new name
-----	-----
st2_st1	dpa_grid_dir
siipp_output_dir	siipp_log_dir
ofsde_output_dir	ofsde_log_dir
st3_input	pproc_s2_grid_dir
hdp_XXXXX	dpa_XXXXX
hdp_logs_dir	dpa_log_dir --- NOTE spelling!!
st2_log	pproc_s2_log_dir -- used to define st2_log_auto and
st2_log_man	

New token for siipp:

```
siipp_table_post : both # flag for determining which table(s)
    # to post data to
    # both -- post to s2gageradarval AND procprecip
    # s2gag -- post to s2gageradarval only
    # proc -- post to procprecip table only
    # procprecip table is read by RFCWide - MPE
    # s2gageradarval table is read by stage2
```

New tokens for grib encoding:

```
grib_dir   : /awips/hydroapps/rfc/grib # dir containing gribit exec
grib_in_dir : ${st3_output}           # input dir for gribit
grib_out_dir: ${st3_grib_dir}        # output dir for gribit
```

Purge_Files (Clean) script MUST be updated for new token names and new decodedpa log name!!!

precip_proc scripts

The AWIPS upgrade script will automatically write the new precip_proc scripts into the .../rfc/precip_proc/scripts directory with the suffix ".r511" appended to their names. It will be up to the RFCs to run a diff to compare their "locally modified" scripts with the newly delivered scripts and to make appropriate changes to reconcile them.

decodehdp directory names

Note that the following directories have NOT changed their names:

/awips/hydroapps/rfc/precip_proc/logs/decodehdp

/awips/hydroapps/rfc/precip_proc/input/decodehdp/archive

Only the names of the tokens pointing to these directories have changed.

decodedpa log name

The log name generated by the decodedpa process has changed to

decodedpa_log_MMDDYYYY

Purge_Files (Clean) script MUST be updated for this new log name!!!

Bld 5.1.1 database changes

Please note that the following database changes will occur as part of the AWIPS Bld 5.0 to Bld 5.1.1 upgrade. We urge you to check this list against your local applications to prepare for the upgrade to Bld 5.1.1.

- (1) HDPRadar table will be renamed DPARadar.
- (2) ObsValue, ObsValueDup and FcstValue tables will be dropped.
- (3) In DPARadar table, nmissper field will be renamed missper and its type will be changed to char(1).
- (4) In RadarLoc table, hdp_format field will be dropped and tower_ht (tower height) field will be added.
- (5) In ColorValue table, the threshold_unit field with type char(1) will be added.
- (6) In the Location table, the name field will be increased in size from char(32) to char(50).
- (7) Counties table - 3 new fields added to be used for service backup
- (8) FloodCat table - fields minor/moderate/major renamed
minor_stage/moderate_stage/major_stage
- 3 new fields added minor_flow/moderate_flow/major_flow
- (9) PurgeDynData - removed records referring to FcstValue, ObsValue, ObsValueDup